2990

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2990	038	03 22 76	22AM	3445	7625

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0003	16	16	13	034	Y	NE	30

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
5	OC	SA	E	FT	070	—	16	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00705	—	—	00019

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
							PO	DO
START	34°45'	76°25'	3446 1648	3541 4860	3		1555	1536
							PU	ON
FINISH	34°46'	76°23'	1631	4859	5		1626	1629

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

1 Sturgeon Tagged and released

22AM

R/V DAN MOORE SPECIES LIST

STA. NO. 2990 DATE March 22 19 76 BIOLOGISTS BFH JV SGK

TOT. CATCH WT. 723.8 AIR 13 SURFACE 15.8 BOTTOM 15.9

SAMPLE WT. 723.8 RAISING FACTOR 0

SPECIES	C or NC	SUBSAMPLE NUMBER	SUBSAMPLE WEIGHT	TOTAL NO.	TOTAL WT.	X WT	REMARKS
Acipenser oxyrhynchus				1	55	55	B00889 4' 10½ B00892 broke
Peprilus triacanthus	NC			220	21	0.1	6 = 55
	C			25	6.5	0.3	
Leiostomus xanthurus	NC			6	0.5	0.1	
	C			5	2.0	0.4	
Archosargus probatocephalus				30	198	6.6	
Paralichthys dentatus				6	3.0	0.5	
Lagodon rhomboides				84	8	0.1	
Mugil cephalus	C			4	1.8	0.4	
Sphoeroides maculatus				1	0.5	0.5	
Mustelus canis				102	408	4.0	
Raja eglanteria				7	12	1.7	
Menticirrhus americanus				1	0.5	0.5	
Loligo pealei	C			85	7	0.1	

Species: P dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1	266	♂							2990	Area III
2	231	♀						I		
3	258	♀						I		
4	243	♀						I		
5	244	♂								
6	417	♀						IV		

48 58"

1473.2

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Length-frequency distribution

Species: P. dentatus

Station: 2990 22AM

Date: 3/22/76

Locality:

T.L.	♂	♀	SEXES COMB.
100-109			
110-			
120-			
130-			
140-			
150-			
160-			
170-			
180-			
190-			
200-			
210-			
220-			
230-		1	
240-	1	1	
250-		1	
260-	1		
270-			
280-			
290-			
300-			
310-			
320-			
330-			
340-			
350-			
360-			
370-			
380-			
390-			
400-			
410-		1	
420-			
430-			
~~Total~~	2	4	
450-			
460-			
470-			
480-			
490-			
500-			
510-			
520-			
530-			
540-			
550-			
560-			
570-			
580-			
590-			

T.L.
600-
610-
620-
630-
640-
650-
660-
670-
680-
690-
700-
710-
720-
730-
740-
750-

♂ 2 range 243-266

♀ 4 " 231-417

Sheet ___ of ___

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2990

Date 3/22/76

Area of Release Grid 22AM 6 mile SW of Drum Inlet

LORAN Start 346 1648 34°45' 361 4860 76°25'

Finish 1631 34°46' 4859 76°23'

Tot. Fish Captured 1

Tot. Fish Tagged 1

No. Retained for analysis 0

Gear Type Yankee #41

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
B00889	55		147.3	A. oxyrhynchus	Broke tag B00892

Species: *Acipenser oxyrhynchus*

MARCH 76

Specimen Number	F.L. cm	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
2	147.3								2990	tagged
3	195.6								2991	